

Docket No.: PALM-3785.SG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described documents is being deposited with the United States Postal Service in an envelope bearing Express Mail Postage and an Express Mail label, with the below serial number, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Express Mail Label No.:	EV576741567US	Name of Person Making the Deposit:	Anthony Chou
Date of Deposit:	11/09/04	Signature of the Person Making the Deposit:	<i>Anthony Chou</i>

Inventor(s): Greg Arnold and Fermin Soriano

Serial No.: 10/047,213

Group Art Unit:

Filed: 01/14/02

Examiner:

Batch No:

Title: HANDHELD BROWSER TRANSCODING

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION FOR WITHDRAWAL OF ABANDONMENT

1. Applicant petitions that the abandonment set forth in the notice by the Office on 10/29/04 be withdrawn.

2. Submitted herewith is::

- ☒ [X] A copy of the page of the response mailed on 02/25/04, showing a certificate of mailing executed on _____
- ☒ [X] A copy of the postcard identifying the papers filed and showing the US PTO receipt stamp dated 03/01/04.
- ☒ [X] A copy of the complete response previously filed.
- ☐ [] A copy of the canceled check(s) referring to the response identified above.
- ☒ [X] A copy of the attorney's Deposit Account Statement, in which the item corresponding to the response referred to the above is checked

3.. Please proceed with further examination of this application on the basis of:

- ☐ [] The original papers filed, which have now reached the appropriate area of the US PTO.

AND/OR

- ☒ [X] The attached copy of the papers originally filed.

PETITION FEE

4. The petition fee (37 C.F.R. 1.17(h)) is paid as follows:

- ☒ [X] Check in the sum of \$130.00

- [X] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085. A duplicate copy of this authorization is enclosed.

REQUEST FOR REFUND OF PETITION FEE

5. [X] As no defect exists in applicant's previous submission, a refund of the petition fee submitted herewith is respectfully requested.

REQUEST FOR WITHDRAWAL OF ABANDONMENT

6. Acknowledgment of the active status of this application is respectfully requested.

Respectfully submitted,

ORIGINAL SIGNED BY

ACM

Date: 11/9/08

By: _____

Anthony C. Murabito
Reg. No. 35,295

Customer No.: 45549
WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

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GLENN D. BARNES
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REGINALD A. RATLIFF
JOHN F. RYAN
AMIR A. TABAROK

WILLIAM A. ZARBIS *
NEAL A. OSBORN **
MICHAEL D. SOCHOR ***

* PATENT AGENT
** PATENT ENGINEER
*** ILLINOIS BAR

MURABITO
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TELEPHONE: (408) 938-9060
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www.mhbpatents.com

FAX COVER SHEET

SEND TO: Examiner Denise Williams - Petitions Branch

COMPANY NAME: USPTO

FAX NUMBER: 571-273-8930

TRANSMISSION DATE: 13 Aug 2008 FILE REF: PALM-3785.SG

FROM: Asha Zahrt (408) 938-9080 ext. 155

PAGE NUMBERS (including this sheet): 68

OPERATOR: _____

NOTES: Please find attached: Status request + postcard,
petition and supporting documents, as well as petition
post card and expedite mail label, as requested.

If there should be a problem with the quality of this transmission or you do not receive all of the pages, please call the operator named above at (408) 938-9060.

CONFIDENTIALITY NOTICE

This FACSIMILE transmission is intended only for the use of the individual or entity named above and may contain information that is confidential, attorney-client privileged and exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, reproduction, distribution or use of any of the information contained in this transmission is strictly PROHIBITED by law. If you have received this transmission in error, please immediately notify us by telephone and we will arrange the return of the original transmission to us at no expense to you. Thank you.

Status Inquiry Transmittal

Applicant: Arnold et al.

Docket No.: PALM-3785.SG

Confirmation No.: 5462

Title: HANDHELD BROWSER TRANCODING

Sir:

Please acknowledge receipt of the following:

- ☒ Status Inquiry Transmittal (1 sheet)
- ☒ Certificate of Mailing (listed on transmittal)
- ☒ Response to Status Inquiry
- ☒ SASE for return

Filing Date: 01/14/02

Application No.: 10/047,213

DOCKETED

Date: 10-17-01

originals:

Submitted
5/16/05

RECOMMENDATIONS

MAY 23 2005

WYMIAR

MAY 19 2005

INVENT & TRADEMARK OFFICE

CDR

Status Inquiry Transmittal

Applicant: Arnold et al.

Filing Date: 01/14/02

Docket No.: PALM-3785.SG

Application No.: 10/047,213

Confirmation No.: 5462

Title: HANDHELD BROWSER TRANCODING

Sir:

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- ☒ Status Inquiry Transmittal (1 sheet)
- ☒ Certificate of Mailing (listed on transmittal)
- ☒ Response to Status Inquiry
- ☒ SASE for return



Submitted
5/16/05



Patent

Docket No.: PALM-3785.SG

Status Inquiry

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Date of Deposit:	05/16/05	Name of Person Making the Deposit:	KATHERINE RINALDI
		Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Greg Arnold and Fermin Soriano

Application No.: 10/047,213

Group Art Unit:

Filed: 01/14/02

Examiner:

Title: HANDHELD BROWSER TRANSCODING

Confirmation No.: 5462

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Status InquiryMore than 1 Year has passed since: Petition for Withdrawal of Abandonment was filed

(New Application)

the filing of this application on

No communication has been received from the Patent and Trademark Office indicating action on this application.

(Amended Application)

the filing of a response on

No further communication has been received from the Patent and Trademark Office on this application.

(Appealed Application)

The Appeal Brief was filed on

An Examiner's Answer was mailed on

A Reply to the Examiner's Answer was submitted on

No further communication has been received from the Patent and Trademark Office on this application.

(Allowed Application)

the mailing of Form PTOL-327 on

the mailing of Examiner's Amendment on

Kindly advise the undersigned of the present status of the application by checking the appropriate box on the enclosed letter and returning it in the attached stamped, self-addressed envelope.

ORIGINAL SIGNED BY

ACM

Name Anthony C. Murabito
Reg. No. 35,295

Date: May 16, 2005

Address 2 N. Market St., 3rd Fl., San Jose, CA 95113
Phone: (408) 938-9060

United States Patent and Trademark Office

Response to Status InquiryApplication Number 10/ 047,213 is currently

1. Assigned to Group _____ and awaits:
____ Action by the Examiner
____ Applicant's response to the Office Action mailed

Appeal Number 0 / is currently

2. Awaiting action by the Board of Patent Appeals and Interferences
____ Date hearing expected: _____
____ Decision expected: _____

Signed: _____

Printed::

Date:

Customer Copy
Label 11-P, April 2004

EXPRESS MAIL

UNITED STATES POSTAL SERVICE® **Post Office To Addressee**

ORIGIN (POSTAL SERVICE USE ONLY)

PO ZIP Code: 95123

Date Accepted: 11/9/04

Time Accepted: 1:14 PM

Day of Delivery: ☒ Next ☐ 2nd ☐ 3rd Day

Scheduled Date of Delivery: Month 11 - Day 11

Scheduled Time of Delivery: ☒ Noon ☐ 3 PM

Postage: \$ 17.85

Return Receipt Fee: \$

COO Fee: \$

Insurance Fee: \$

Total Postage & Fees: \$ 17.85

Int'l Alpha Country Code: 11

Acceptance Emp. Initials: 11

DELIVERY (POSTAL USE ONLY)

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Delivery Date: ☐ AM ☐ PM

Employee Signature: [Signature]

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FROM: (PLEASE PRINT) PHONE: 408 938 9060

WAGNER MURABITO & HAO LLP
21 N MARKET ST FL 3
SAN JOSE, CA 95113-1211

ENTERED IN TS
Date: 11/12/04
Slip No: 3477

TO: (PLEASE PRINT) PHONE: 408 938 9060

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COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA, VA 22313-1450

OR PICKUP OR TRACKING: Visit www.usps.com or Call 1-800-222-1811

Petition for Withdrawal of Abandonment Transmittal

Applicant: Arnold, et al.

Filing Date: 01/14/02

Docket No.: PALM-3785.SG

Serial No.: 10/047,213

Title: HANDHELD BROWSER TRANSCODING

Sir:

Please acknowledge receipt of the following:

- ☒ Petition for Withdrawal of Abandonment Based on
Failure to receive PTO Communications & Transmittal
- ☒ Copy of Amendment and Response as previously filed with the USPTO
- ☒ Copy of Postcard as previously received by the USPTO
- ☒ Copy of Notice of Abandonment
- ☒ Certificate of Mailing
- ☒ Check # 2111 In the amount of \$ 130.00
- ☒ Express Mail Certificate
- ☒ Deposit Account Authorization

EV576141507US

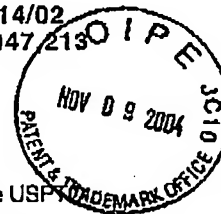
RECEIVED

DOCKETED

Date: 12-30-04Initials: WMH

NOV 19 2004

WMH

Submitted
11/9/04

Petition for Withdrawal of Abandonment Transmittal
 Applicant: Arnold, et al.
 Docket No.: PALM-3785.SG
 Title: HANDHELD BROWSER TRANSCODING
 Filing Date: 01/14/02
 Serial No.: 10/047,213

Please acknowledge receipt of the following:

- ☒ Petition for Withdrawal of Abandonment Based on
- ☒ Failure to receive PTO Communications & Transmittal
- ☒ Copy of Amendment and Response as previously filed with the USPTO
- ☒ Copy of Notice of Abandonment
- ☒ Certificate of Mailing
- ☒ Deposit Account Authorization
- ☒ Check # 211
- ☒ Express Mail Certificate

In the amount of \$ 130.00

EV576741567US



Submitted
11/9/04

REV. 6/97/pw

EV576741567US

WAGNER, MURABITO & HAO, LLP
 COST ADVANCE CREDIT LINE ACCOUNT
 2 NORTH MARKET ST., 3RD FLOOR
 SAN JOSE, CA 95113

2111

PAY TO THE ORDER OF Commissioner for Patents

DATE 11/09/04

90-7118-3211

One hundred thirty and no/100

\$ 130.00

citibank

CITIBANK/CHESA, 300 BAYVIEW
 SAN JOSE, CA 95133

OR PALM-3785.SG/Petition Fee

ORIGINAL SIGNED BY

ACM

DOLLARS

UNITED STATES PATENT & TRADEMARK OFFICE
Washington, D.C. 20231

REQUEST FOR PATENT FEE REFUND											
1 Date of Request: <u>10/29/08</u>		2 Serial/Patent # <u>10/047,213</u>									
3 Please refund the following fee(s):		4 PAPER NUMBER	5 DATE FILED	6 AMOUNT							
	Filing			\$							
	Amendment			\$							
	Extension of Time			\$							
	Notice of Appeal/Appeal			\$							
X	Petition	6	11/09/04	\$ 130.00							
	Issue			\$							
	Cert of Correction/Terminal Disc.			\$							
	Maintenance			\$							
	Assignment			\$							
	Other			\$							
			7 TOTAL AMOUNT OF REFUND	\$ 130.00							
10 REASON:		8 TO BE REFUNDED BY:									
		<input checked="" type="checkbox"/> Treasury Check <u>C</u>									
		<input checked="" type="checkbox"/> Credit Deposit A/C #: <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">2</td> <td style="width: 20px;">3</td> <td style="width: 20px;">--</td> <td style="width: 20px;">0</td> <td style="width: 20px;">0</td> <td style="width: 20px;">8</td> <td style="width: 20px;">5</td> </tr> </table>			2	3	--	0	0	8	5
2	3	--	0	0	8	5					
X	No Fee Due (Explanation):										
Petition under 37 CFR 1.181 is a feeless petition.											
11 REFUND REQUESTED BY:											
TYPED/PRINTED NAME: <u>Shirene Willis Brantley</u>		TITLE: <u>Petitions Attorney</u>									
SIGNATURE: _____		PHONE: <u>571 272-3230</u>									
OFFICE: <u>Office of Petitions</u>											
***** THIS SPACE RESERVED FOR FINANCE USE ONLY: *****											
APPROVED: _____		DATE: _____									

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:

Amendment Transmittal

Applicant: Arnold et al.

Filing Date: 01/14/02

Docket No.: PALM-3785.SG Serial No.: 10/047,213

Confirmation No.: 5462

Title: HANDHELD BROWSER TRANSCODING

Sir:

Please acknowledge receipt of the following:

- ☒ Amendment Transmittal ☐ Ext. of Time (listed on Transmittal)
☒ Amendment (No. pgs 30) ☒ Deposit Account Authorization
☐ Drawings _____ Sheets
☒ Certificate of Mailing
☐ Check # _____ In the amount of \$ _____

Submitted
2/25/04

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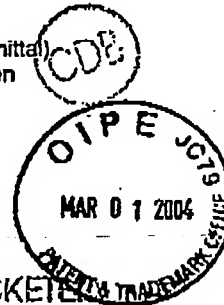
MAR 05 2004

WMH

DOCKETED

Date: 3-19-04

Initials: 2



Amendment Transmittal

Applicant: Arnold et al.

Filing Date: 01/14/02

Docket No.: PALM-3785.SG Serial No.: 10/047,213

Confirmation No.: 5462

Title: HANDHELD BROWSER TRANSCODING

Sir:

Please acknowledge receipt of the following:

- ☒ Amendment Transmittal ☐ Ext. of Time (listed on Transmittal)
☒ Amendment (No. pgs 30) ☒ Deposit Account Authorization
☐ Drawings _____ Sheets
☒ Certificate of Mailing
☐ Check # _____ In the amount of \$ _____

Submitted
2/25/04



Attorney Docket No.: PALM-3785.SG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Date of Deposit:	02/25/04	Name of Person Making the Deposit:	KATHERINE RINALDI
		Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

In re Application of: Greg Arnold and Fermin Soriano

Serial No.: 10/047,213

Examiner: Dewitte, Conrad J.

Filed: 01/14/02

Art Unit: 2673

Confirmation No.: 5462

For: HANDHELD BROWSER TRANSCODING

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application
- ☒ Transmitted herewith is a response to an office action for the above identified patent application.
(30 sheets)
Transmitted herewith are _____ sheets of substitute formal drawings.
Other: _____

2. Applicant is other than a small entity

Extension of Term

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input type="checkbox"/> one month	\$110.00
<input type="checkbox"/> two months	\$420.00
<input type="checkbox"/> three months	\$950.00
<input type="checkbox"/> four months	\$1,480.00

Fee \$ _____

If an additional extension of time is required, please consider this a petition therefor.

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

Attorney Docket No... PALM-3785.SG

Fee Calculation

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	29	- 29 =	0	x \$18.00	\$0.00
Independent Claims	6	- 6 =	0	x \$86.00	\$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$290.00	\$0.00
Total Fees					\$0.00

PAYMENT OF FEES

5. The full fee due in connection with this communication is provided as follows:
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.
A duplicate copy of this authorization is enclosed.
- ☐ A check in the amount of \$.
- ☐ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

Respectfully submitted,
ORIGINAL SIGNED BY

CAE

Date: 2/25/04

By: _____
Cheryl A. Eichsteadt
Reg. No. 50,761



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,213	01/14/2002	Greg Arnold	PALM-3785	5462

7590

10/29/2004

WAGNER, MURABITO & HAO LLP
Third Floor
Two North Market Street
San Jose, CA 95113

RECEIVED

NOV 01 2004

WMH

EXAMINER

PATEL, NITIN

ART UNIT

PAPER NUMBER

2673

5

DATE MAILED: 10/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED

Date: 11-12-04

Initials: [signature]




Notice of Abandonment	Application No.	Applicant(s)	
	10/047,213	ARNOLD ET AL.	
	Examiner	Art Unit	
	Nitin Patel	2673	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 04 December 2003.
 - (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
 - (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
 - (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
 - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
 - (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
 - (b) ☐ The submitted fee of \$_____ is insufficient. A balance of \$_____ is due.
The issue fee required by 37 CFR 1.18 is \$_____. The publication fee, if required by 37 CFR 1.18(d), is \$_____.
 - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
 - (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
 - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:


 BIPIN SHALWALA
 SUPERVISORY PATENT EXAMINER
 TECHNOLOGY CENTER 2600

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

U.S. Patent and Trademark Office
PTOL-1432 (Rev. 04-01)

Notice of Abandonment

Part of Paper No. 5

PALM-3785.SG

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Arnold, et al.

Serial No. 10/047,213

Filing Date: January 14, 2002

For: HAND-HELD BROWSER
TRANSCODING

Examiner: DeWitte, Conrad J.

Art Unit: 2673

Confirmation No.: 5462

Commissioner for Patents

P.O. BOX 1450

Washington, D.C. 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed December 5, 2003, the following amendments and remarks to the above captioned patent application are respectfully submitted. Reconsideration of the above captioned patent application is respectfully requested.

Amendments to the Abstract begin on page 3 of this paper.

Serial No. 10/047,213
Examiner: DeWitte, Conrad J.

- 1 -

Art Unit 2673
PALM-3785.SG

Amendments to the Specification begin on page 4 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 7 of this paper.

Remarks begin on page 13 of this paper.

AMENDMENTS TO THE ABSTRACT

Please replace the abstract on page 21 with the following amended paragraph:

A hand-held computer device with integral web page transcoding. A processor, forming a part of the handheld computer has a display coupled to the processor forming a part of the handheld computer, with the display having limited resolution of MxN pixels. A browser program running on the processor facilitates retrieving and viewing of a web page having size greater than MxN on the display. This is accomplished in a browser having an associated browser plug-in that transcodes the web page to a format adapted to the display. The transcoding is carried out by, among other things, generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections[[:]] and compressing an image to a size suitable for display on the MxN resolution display, ~~wherein the image has size and pixel depth, by reducing the image's size and reducing the image's pixel depth; and converting multiple columns into a single column for display on the MxN resolution display by removing redundant table definition tags.~~

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that starts on line 1 of page 2 with the following amended paragraph:

Most web pages are designed to display information in a format suitable for desktop and notebook computers with display resolutions of, for example, 600 x 800 pixels. When such pages are displayed on a much smaller display (e.g., a 160 x 160 pixel display), it is very difficult to effectively view the pages.

Please replace the paragraph that starts on line 18 of page 6 with the following amended paragraph:

Figure 2 illustrates circuitry of computer system 100, some of which can be implemented within the handheld device of the present invention. Examples of such hand-held devices are commercially available from Palm Computing, Inc., 5470 Great America Parkway, Santa Clara, CA 95054. Computing system 100 includes an address/data bus 110 for communicating information, a central processor 101 coupled with the bus for processing information and instructions, a volatile memory 102 (e.g., random access memory RAM) coupled with the bus 110 for storing information and instructions for the central processor 101 and a non-volatile memory 103 (e.g., read only memory ROM) coupled with the bus 110 for storing static information and instructions for the processor 101. Computer system 100 also includes an optional data storage device 104 (e.g., memory stick, SD memory, etc.) coupled with the bus ~~[[100]]~~ 110 for storing information and instructions. Device 104 can be removed. As described above, system 100 also contains a display device 105 coupled to the bus 110 for displaying information to the computer user. The display device 105 is generally of limited resolution of MxN pixels – limited primarily by the size of the hand-held device.

Please replace the paragraph that starts on line 3 of page 7 with the following amended paragraph:

Also included in computer system 100 of Figure 2 is an optional alphanumeric input device 106 which in one implementation is a handwriting recognition pad ("digitizer") having regions 106a and 106b (Figure 2A), for instance. Device 106 can communicate information and command selections to the central processor 101. System ~~[[110]]~~ 100 also includes an optional cursor control or directing device 107 coupled to the bus for communicating user input information and command selections to the central processor 101. In one implementation, device 107 is a touch screen device incorporating with screen 105. Device 107 is capable of registering a position on the screen 105 where the stylus makes contact. The display device 105 utilized with the computer system 110 may be a liquid crystal device, cathode ray tube (CRT), field emission device (FED, also called flat panel CRT) or other display device suitable for creating graphic images and alphanumeric characters recognizable to the user. In the preferred embodiment, display 105 is a flat panel display.

Please replace the paragraph that starts on line 4 of page 9 with the following amended paragraph:

Figure 5 shows an original web page 402 extracted from the ~~Yahoo™~~ YAHOO™ online web site (www.yahoo.com). Listing 1 shows the HTML source code (~~Copyright Yahoo ©Yahoo~~) used to implement the original web page. In order to reformat the page, the browser examines the HTML code and removes the excess <TD> and <TD> </TD> tags (all except the first) as shown in strike through in Listing 1. The resulting HTML code would be identical to that of Listing 1 with the portions show in strikethrough eliminated. With excess table cell tags removed, the web page would be rendered in a single column shown as 406 in

Serial No. 10/047,213
Examiner: DeWitte, Conrad J.

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Figure 6 (on a conventional computer display). When rendered on a hand-held display, horizontal scrolling for the purpose of accessing multiple columns is eliminated.

Please replace the paragraph that starts on line 31 of page 10 with the following amended paragraph:

Other arrangements for reducing the image size for display on a small display are known and can be used in conjunction with the present invention. The most common image formats used in web pages are GIF and JPG. These image formats support easy reduction using the relatively small computing horsepower available in the handheld. Many handheld applications such as those described above are already available which reduce images. For example, the image processing can be carried out using algorithms used in the commercially available IA ALBUMAlbum™ product available from IA Style, Inc. or MGI PHOTOSUITEPhotosuite™ available from MGI Software Corp. or DreamHouse POCKETPHOTOPocketPhoto™ available from Dreamhouse Software, Inc. When the last image is processed, the plug-in returns the transcoded web page (or a pointer thereto) for display.

COMPLETE LISTING OF CLAIMS IN THE CASE

Please amend Claims 1, 10, and 16 as follows:

1. (Currently Amended) A hand-held computer device, comprising:
a processor, forming a part of the handheld computer;
a display coupled to the processor forming a part of the handheld computer, the display having resolution of MxN pixels;
a browser program running on the processor that facilitates retrieving and viewing of a web page on the display, the web page having a size greater than MxN;
the browser having associated program code for transcoding the web page to a format adapted to the display by generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections.
2. (Original) The apparatus according to claim 1, wherein the associated program code comprises a browser plug-in.
3. (Canceled)
4. (Original) The apparatus according to claim 1, wherein the associated program code comprises code that compresses an image to a size suitable for display on the MxN resolution display..
5. (Original) The apparatus according to claim 4, wherein the image has size and pixel depth, and wherein the associated program code comprises code compresses the image by reducing the image's size and reducing the image's pixel depth..

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6. (Original) The apparatus according to claim 1, wherein the associating program code comprises code that converts multiple columns into a single column for display on the MxN resolution display.
7. (Original) The apparatus according to claim 6, wherein the associated program code converts multiple columns into a single column for display on the MxN resolution display by removing redundant table definition tags.
8. (Original) The apparatus according to claim 1, wherein the associated program code comprises code that:
- generates a menu of frames from the web page to permit a user to select a desired frame for display;
 - compresses images to a size suitable for display on the MxN resolution display; and
 - converts multiple columns into a single column for display on the MxN resolution display.
9. (Original) A hand-held computer device, comprising:
- a processor, forming a part of the handheld computer;
 - a display coupled to the processor forming a part of the handheld computer, the display having resolution of MxN pixels;
 - a browser program running on the processor that facilitates retrieving and viewing of a web page on the display, the web page having a size greater than MxN;
 - the browser having associated program code in the form of a browser plug-in for transcoding the web page to a format adapted to the display by:

generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections;

compressing an image to a size suitable for display on the MxN resolution display, wherein the image has size and pixel depth, by reducing the image's size and reducing the image's pixel depth; and

converting multiple columns into a single column for display on the MxN resolution display by removing redundant table definition tags.

10. (Currently Amended) A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:

determining if the web page contains multiple frames, and if so generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections;

determining if the web page contains any images, and if so compressing the images to a size suitable for display on the MxN resolution display; and

determining if the web page contains multiple columns, and if so converting the multiple columns into a single column for display on the MxN resolution display.

11. (Original) The method according to claim 10, wherein the image has size and pixel depth, and wherein the compressing comprises reducing the image's size and reducing the image's pixel depth..

12. (Original) The method according to claim 10, wherein the converting comprises removing redundant table definition tags.

13. (Original) The method according to claim 10, wherein the method is carried out in a browser program operating on a processor residing in the hand-held computer device.
14. (Original) The method according to claim 13, wherein the method is carried out in one or more browser plug-in programs.
15. (Original) An electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the process according to claim 10.
16. (Currently Amended) A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:
determining if the web page contains multiple frames; and
if the web page contains multiple frames, generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections.
17. (Original) The method according to claim 16, wherein the method is carried out in a browser program operating on a processor residing in the hand-held computer device..
18. (Original) The method according to claim 17, wherein the method is carried out in one or more browser plug-in programs.

19. (Original) An electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the process according to claim 16.
20. (Original) A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:
determining if the web page contains an image; and
if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display.
21. (Original) The method according to claim 20, wherein the image has size and pixel depth, and wherein compressing comprises reducing the image's size and reducing the image's pixel depth.
22. (Original) The method according to claim 20, wherein the method is carried out in a browser program operating on a processor residing in the hand-held computer device.
23. (Original) The method according to claim 22, wherein the method is carried out in one or more browser plug-in programs.
24. (Original) An electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the process according to claim 20.
25. (Original) A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising

determining if the web page contains multiple columns; and
if the web page contains multiple columns, converting the multiple columns into a single column for display on the MxN resolution display.

26. (Original) The method according to claim 25, wherein the converting comprises removing redundant table definition tags.

27. (Original) The method according to claim 25, wherein the method is carried out in a browser program operating on a processor residing in the hand-held computer device.

28. (Original) The method according to claim 27, wherein the method is carried out in one or more browser plug-in programs.

29. (Original) An electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the process according to claim 25.

REMARKS

Claims remaining in the present application are Claims 1-29. Claims 1, 10 and 16 have been amended. Claim 3 has been canceled. No new matter has been added as a result of these amendments.

ABSTRACT OBJECTION

The abstract was objected to under MPEP 608.01(b) in paragraph 1 of the Office Action because the abstract was more than 150 words long. In response to this objection, the abstract was amended to be less than 150 words long. Therefore, it is believed that this objection has been overcome.

DISCLOSURE OBJECTION

The disclosure was objected to in paragraph 2 of the Office Action because of informalities. In response to this objection, the disclosure has been amended to correct the cited informalities. Therefore, it is believed that this objection has been overcome.

TRADEMARK OBJECTION

The disclosure was objected to in paragraph 3 of the Office Action due to incorrect use of trademarks. In response to this objection, the disclosure has been amended to use proper trademarks. Therefore, it is believed that this objection has been overcome.

COPYRIGHT OBJECTION

The disclosure was objected to in paragraph 4 of the Office Action due to improper use of a copyright notice. In response to this objection, the disclosure has been amended

to use proper copyright notice. Therefore, it is believed that this objection has been overcome.

DRAWING OBJECTION

The drawings were objected to under 37 C.F.R. 1.84(p)(5) in paragraph 5 of the Office Action because the drawings include reference signs not mentioned in the description. In response to this objection, the disclosure has been amended to describe these reference signs. Therefore, it is believed that this objection has been overcome.

STATEMENT OF COMMON OWNERSHIP

The Examiner is respectfully directed to MPEP 706.02(I)(1) and MPEP 706.02(I)(2).

The application Serial No. 10/047,213 (referred to hereinafter as "Arnold") and the cited prior art U.S. Patent No. 6,593,944 B1 (referred to hereinafter as "Nicolas") were, at the time the invention of Arnold was made, was subject to an obligation of assignment to the same assignee.

CLAIM REJECTIONS

35 U.S.C. §102

Claims 1-3 and 16-19 are rejected under 35 U.S.C. §102(e) as being anticipated by Nicolas. The rejection is respectfully traversed. It is respectfully submitted that Claims 1-3 and 16-19 are neither taught nor suggested by Nicolas.

Currently amended independent Claim 1 recites:

A hand-held computer device, comprising:
a processor, forming a part of the handheld computer;
a display coupled to the processor forming a part of the handheld computer,
the display having resolution of MxN pixels;

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a browser program running on the processor that facilitates retrieving and viewing of a web page on the display, the web page having a size greater than MxN;
the browser having associated program code for transcoding the web page to a format adapted to the display by generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections.

Claim 1 recites that "generating a menu of frames from the web page" permits "a user to select a desired frame for display by selecting frame titles as menu selections." The cited reference fails to teach or suggest this claimed limitation as discussed below.

For example, at col. 11 lines 24-30, Nicolas teaches,

... the small-sized electronic display device of the personal digital assistant does not have sufficient display area to view all the frames of a web page at once when a user is Web browsing. The present invention overcomes this limitation (1) by generating a frame representation which indicates the frame layout of the Web page ...

Further, at col. 11, line 45 to col. 13, line 11, Nicolas teaches,

The frame representation 730 includes a plurality of geometric frame identifiers 731A-731C. ... In one embodiment, the shape, size, and positioning of the geometric frame identifiers 731A-731C are based on the size, shape, and positioning of the corresponding frame, including the content of the corresponding frame.

Note, Nicolas teaches, overcoming the size limitation of a display device by generating a frame representation that includes a plurality of geometric frame identifiers the shape, size, and positioning of which are based on the size, shape, and positioning of the frame.

Thus, Nicolas does not teach or suggest "generating a menu of frames from the web page" which permits "a user to select a desired frame for display by selecting frame titles as menu selections," as Claim 1 recites.

For the foregoing rationale, the limitations of Claim 1 are neither taught nor suggested by Nicolas. As such, allowance of Claim 1 is respectfully solicited.

Claims 2 and 3 depend on Claim 1, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 2 and 3 have been overcome and their allowance is earnestly solicited.

Currently amended independent Claim 16 recites:

A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:
determining if the web page contains multiple frames; and
if the web page contains multiple frames, generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections.

Claim 16 recites that "generating a menu of frames from the web page" permits "a user to select a desired frame for display by selecting frame titles as menu selections." The cited reference fails to teach or suggest this claimed limitation as discussed below.

As already argued herein, Nicolas does not teach or suggest "generating a menu of frames from the web page" which permits "a user to select a desired frame for display by selecting frame titles as menu selections," as Claim 16 recites.

For the foregoing rationale, the limitations of Claim 16 are neither taught nor suggested by Nicolas. As such, allowance of Claim 16 is respectfully solicited.

Claims 17-19 depend on Claim 16, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 17-19 have been overcome and their allowance is earnestly solicited.

CLAIM REJECTIONS35 U.S.C. §102

Claims 20 and 21 are rejected under 35 U.S.C. §102(a) as being anticipated by Buckley et al., U.S. Pat. Appl. No. 2003/0135649 A1 (referred to hereinafter as "Buckley"). The rejection is respectfully traversed. It is respectfully submitted that Claims 20 and 21 are neither taught nor suggested by Buckley.

Currently independent Claim 20 recites:

A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:
determining if the web page contains an image; and
if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display.

Claim 20 recites a method of transcoding a web page within a hand-held computer device that compresses, "...the image to a size suitable for display on the MxN resolution display." The cited reference fails to teach or suggest these claimed limitations as discussed below.

For example, in the abstract, Buckley teaches, "...a method by which a client side handheld device requests a server to convert server-side documents into a compression format prior to transmission of said documents to the client." Further, Buckley teaches in paragraph 5 that the reasons for compressing on the server is to take advantage of the computing power of the server and to speed up transmission.

Thus, Buckley does not teach a method of transcoding a web page within a hand-held computer device that compresses, "...the image to a size suitable for display on the MxN resolution display," as Claim 20 recites. In fact, Buckley teaches away from compressing within a hand-held computer device. For the foregoing rationale, the

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limitations of Claim 20 are neither taught nor suggested by Buckley. As such, allowance of Claim 20 is respectfully solicited.

Claim 21 depends on Claim 20, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejection of Claim 20 has been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §102

Claims 20 and 21 are rejected under 35 U.S.C. §102(a) as being anticipated by Robotham, U.S. Pat. Appl. No. 2002/0015042 A1 (referred to hereinafter as "Robotham"). The rejection is respectfully traversed. It is respectfully submitted that Claims 20 and 21 are neither taught nor suggested by Robotham.

Currently independent Claim 20 recites:

A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:
determining if the web page contains an image; and
if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display.

Claim 20 recites "if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display." The cited reference fails to teach or suggest these claimed limitations as discussed below.

For example, in the abstract, Robotham teaches a method of displaying content on client devices that minimizes the processing on the client device by performing server-side "rasterization" of the content prior to transmitting the content to the client devices. In paragraph 4, Robotham defines "rasterization" as, "...generating a displayable bitmap image from input data."

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Further, in paragraphs 26-28, a user of the client may instruct the server as to what content they are interested in seeing and the server may rasterize the content based on the client's instructions.

Thus, Robatham does not teach "if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display," as Claim 20 recites. For the foregoing rationale, the limitations of Claim 20 are neither taught nor suggested by Robatham. As such, allowance of Claim 20 is respectfully solicited.

Claim 21 depends on Claim 20, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejection of Claim 20 has been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §102

Claims 25 and 26 are rejected under 35 U.S.C. §102(a) as being anticipated by Farouk, U.S. Pat. Appl. No. 2003/0009567 A1 (referred to hereinafter as "Farouk"). The rejection is respectfully traversed. It is respectfully submitted that Claims 25 and 26 are neither taught nor suggested by Farouk.

Currently independent Claim 25 recites:

A method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising
determining if the web page contains multiple columns; and
if the web page contains multiple columns, converting the multiple columns into a single column for display on the MxN resolution display.

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Claim 25 recites "if the web page contains multiple columns, converting the multiple columns into a single column for display on the MxN resolution display." The cited reference fails to teach or suggest this claimed limitation as discussed below.

For example, at paragraph 39, Farouk teaches a method of adapting content obtained from the Internet to conform to many different types of terminal devices, such as PCs, desktop terminals, cell phones, and Personal Data Assistants (PDAs) by defining an abstract, generic terminal device, "in terms of a set of discrete values of a plurality of selected terminal device features to provide an approximate representation of any user network terminal device..."

As referenced above, Claim 25 recites "if the web page contains multiple columns, converting the multiple columns into a single column for display on the MxN resolution display." As understood by Applicant, the only places that Farouk mentions "column" is in the following passages: In paragraph 0110, Farouk states, "As with <columns>, below, concatenation of segments is supported." In paragraph 0111, Farouk states, "As indicated in the DVIML elements 165, the content author 11 may use the <columns> element in order to specify alternatives to provide for devices which are horizontally restricted." In paragraph 0112, Farouk states, "Here again as with rows and columns, the content author 11 may use concatenation of segments in order to avoid repeating the same content in different segments." Importantly, Farouk does not teach or suggest, converting multiple columns into a single column in any of these above passages let alone teach or suggest "if the web page contains multiple columns, converting the multiple columns into a single column for display on the MxN resolution display," as Claim 25 recites.

For the foregoing rationale, the limitations of Claim 25 are neither taught nor suggested by Farouk. As such, allowance of Claim 25 is respectfully solicited.

Claim 26 depends on Claim 25, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejection of Claim 26 has been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 4 and 5 are rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas in view of Robotham. The rejection is respectfully traversed. It is respectfully submitted that Claims 4 and 5 are neither taught nor suggested by Nicolas, or Robotham, alone or in combination.

Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Robotham does not teach or suggest Claims 1 upon which Claims 4 and 5 depend. In fact the Office Action does not claim that Robotham teaches or suggests Claim 1.

Claims 4 and 5 depend on Claim 1, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 4 and 5 have been overcome and their allowance is earnestly solicited.

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CLAIM REJECTIONS35 U.S.C. §103

Claims 6 and 7 are rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas in view of Farouk. The rejection is respectfully traversed. It is respectfully submitted that Claims 6 and 7 are neither taught nor suggested by Nicolas, or Robotham, alone or in combination.

Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Farouk does not teach or suggest Claims 1 upon which Claims 6 and 7 depend. In fact the Office Action does not claim that Farouk teaches or suggests Claim 1.

Claims 6 and 7 depend on Claim 1, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 6 and 7 have been overcome and their allowance is earnestly solicited.

CLAIM REJECTIONS35 U.S.C. §103

Claim 8 is rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas in view of Buckley and Farouk. The rejection is respectfully traversed. It is respectfully submitted that Claim 8 is neither taught nor suggested by Nicolas, Buckley, or Farouk, alone or in combination.

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Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Buckley does not teach or suggest Claim 1 upon which Claim 8 depends. In fact the Office Action does not claim that Buckley teaches or suggests Claim 1.

Further, the cited combination also fails to teach or suggest the limitations of Claim 1 because Farouk fails to remedy the deficiency in Buckley in that Farouk also fails to teach or suggest, "generating a menu of frames from the web page," which permits "a user to select a desired frame from display by selecting frame titles as menu selections," as recited by Claim 1.

For the foregoing rationale, the limitations of Claim 8 is neither taught nor suggested by Buckley or Farouk, alone or in combination.

Claim 8 depends on Claim 1; which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejection of Claim 8 has been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claim 8 is rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas in view of Robotham and Farouk. The rejection is respectfully traversed. It is respectfully submitted that Claim 8 is neither taught nor suggested by Nicolas, Robotham, or Farouk, alone or in combination.

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Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Robotham does not teach or suggest Claims 1 upon which Claim 8 depends. In fact the Office Action does not claim that Robotham teaches or suggests Claim 1.

Further, the cited combination also fails to teach or suggest the limitations of Claim 1 because Farouk fails to remedy the deficiency in Robotham in that Farouk also fails to teach or suggest, "generating a menu of frames from the web page," which permits "a user to select a desired frame from display by selecting frame titles as menu selections," as recited by Claim 1.

For the foregoing rationale, the limitations of Claim 8 are neither taught nor suggested by Buckley or Farouk, alone or in combination.

Claim 8 depends on Claim 1, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejection of Claim 8 has been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 9-15 are rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas further in view of Buckley and Farouk. The rejection is respectfully traversed. It is respectfully submitted that Claims 9-15 are neither taught nor suggested by Nicolas, Buckley or Farouk, alone or in combination.

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Currently independent Claim 9 recites, "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections." The cited references fail to teach or suggest these claimed limitations as discussed below.

Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Buckley does not teach or suggest "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections," as Claims 9 recites. In fact the Office Action does not claim that Buckley teaches or suggests "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections." Therefore, it is believed that Buckley fails to teach or suggest Claim 9.

Further, the cited combination also fails to teach or suggest the limitations of Claim 9 because Farouk fails to remedy the deficiency in Buckley in that Farouk also fails to teach or suggest, "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections," as recited by Claim 9.

For the foregoing rationale, the limitations of Claim 9 are neither taught nor suggested by Buckley or Farouk, alone or in combination.

Claims 10-15 depend on Claim 9, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 10-15 have been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 9-15 are rejected under 35 U.S.C. §103(a) as being unpatentable over Nicolas further in view of Robotham and Farouk. The rejection is respectfully traversed. It is respectfully submitted that Claims 9-15 are neither taught nor suggested by Nicolas, Robotham or Farouk, alone or in combination.

Currently independent Claim 9 recites, "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections." The cited references fail to teach or suggest these claimed limitations as discussed below.

Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Robotham does not teach or suggest "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections," as Claims 9 recites. In fact the Office Action does not claim that Robotham teaches or suggests "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections."

Therefore, it is believed that Robotham fails to teach or suggest Claim 9.

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Further, the cited combination also fails to teach or suggest the limitations of Claim 9 because Farouk fails to remedy the deficiency in Robotham in that Farouk also fails to teach or suggest, "generating a menu of frames from the web page to permit a user to select a desired frame for display by selecting frame titles as menu selections by selecting frame titles as menu selections," as recited by Claim 9.

For the foregoing rationale, the limitations of Claim 9 are neither taught nor suggested by Robotham or Farouk, alone or in combination.

Claims 10-15 depend on Claim 9, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 10-15 have been overcome and its allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 22-24 are rejected under 35 U.S.C. §103(a) as being unpatentable over Buckley further in view of Nicolas. The rejection is respectfully traversed. It is respectfully submitted that Claims 22-24 are neither taught nor suggested by Buckley or Nicolas, alone or in combination.

As already argued herein, Buckley does not teach or suggestion Claim 20 upon which Claims 22-24 depend.

Further, Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the

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invention of this application was made, subject to an obligation of assignment to the same assignee.

Claims 22-24 depend on Claim 20, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 22-24 have been overcome and their allowance is earnestly solicited.

CLAIM REJECTIONS

35 U.S.C. §103

Claims 22-24 are rejected under 35 U.S.C. §103(a) as being unpatentable over Robotham further in view of Nicolas. The rejection is respectfully traversed. It is respectfully submitted that Claims 22-24 are neither taught nor suggested by Robotham or Nicolas, alone or in combination.

As already argued herein, Robotham does not teach or suggestion Claim 20 upon which Claims 22-24 depend.

Further, Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Claims 22-24 depend on Claim 20, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 22-24 have been overcome and their allowance is earnestly solicited.

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CLAIM REJECTIONS35 U.S.C. §103

Claims 27-29 are rejected under 35 U.S.C. §103(a) as being unpatentable over Farouk further in view of Nicolas. The rejection is respectfully traversed. It is respectfully submitted that Claims 27-29 are neither taught nor suggested by Farouk or Nicolas, alone or in combination.

As already argued herein, Farouk does not teach or suggestion Claim 25 upon which Claims 27-29 depend.

Further, Applicant respectfully submits that Nicolas is disqualified as prior art. This application, application no. 20/047,213, and the Nicolas patent were, at the time the invention of this application was made, subject to an obligation of assignment to the same assignee.

Claims 27-29 depend on Claim 25, which is believed to be allowable for the foregoing rationale. As such, it is respectfully asserted that the rejections of Claims 27-29 have been overcome and their allowance is earnestly solicited.

CONCLUSION

In light of the above listed amendments and remarks, reconsideration of the rejected Claims is requested. Based on the amendments and arguments presented above, it is respectfully submitted that Claims 1-29 overcome the rejections of record. Therefore, allowance of Claims 1-29 is earnestly solicited.

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PALM-3785.SG

Should the Examiner have a question regarding the instant response, the Applicant invites the Examiner to contact the Applicant's undersigned representative at the below listed telephone number.

Dated: 7/25, 2004

Respectfully submitted,
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,213	01/14/2002	Greg Arnold	PALM-3785	5462

7590 12/05/2003
WAGNER, MURABITO & HAO LLP
Third Floor
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San Jose, CA 95113

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EXAMINER

DEWITTE, CONRAD J

ART UNIT PAPER NUMBER

2673

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EXAMINER

DEWITTE, CONRAD J

ART UNIT

PAPER NUMBER

2673

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DATE MAILED: 12/05/2003

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Office Action Summary	Application No.	Applicant(s)	
	10/047,213	ARNOLD ET AL.	
	Examiner	Art Unit	
	Conrad J. DeWitte	2673	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) 9-29 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413) Paper No(s). 4. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. | 6) <input type="checkbox"/> Other: |

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DETAILED ACTION

Specification

1. The abstract of the disclosure is objected to because it is more than 150 words long.

Correction is required. See MPEP § 608.01(b).

2. The disclosure is objected to because of the following informalities:

- Page 2, line 4: Applicants used "it is very difficult to effectively view" not "it is very difficult to effectively view them."
- Page 6, line 28: Applicants used "bus 100" not "bus 110"
- Page 7, line 7: Applicants used "System 110" not "System 100"
- Page 9, line 7: Applicants used "removes the excess <TD> and <TD> tags" not "removes the excess <TD> and </TD> tags"

Appropriate correction is required.

3. The use of the trademarks YAHOO, IA ALBUM, MGI PHOTOSUITE, and POCKETPHOTO has been noted in this application. They should be capitalized wherever they appear and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner that might adversely affect their validity as trademarks.

4. Throughout the specification, Applicants fail to properly identify the copyright material that is subject to the Copyright Notice at the beginning of the specification. The Copyright Notice must be placed adjacent to the copyright material, and therefore the notice may appear at any appropriate portion of the patent application disclosure. 37 C.F.R. § 1.71(d); *see also*

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M.P.E.P. § 608.01(v). Further, The content of the notice must be limited to only those elements required by law. For example, "©1983 John Doe"(17 U.S.C. 401) would be properly limited, and under current statutes, a legally sufficient notice of copyright respectively. Thus, Applicant's placement of "(Copyright Yahoo)" on page 9, line 5 of the specification is insufficient notice in light of 37 C.F.R. § 1.71(d). Appropriate correction to the specification is required.

Drawings

5. The drawings are objected to as failing to comply with 37 C.F.R. § 1.84(p)(5) because they include the following reference signs not mentioned in the description: 120, 240, 216. A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference signs in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-3 and 16-19 are rejected under 35 U.S.C. § 102(e) as being anticipated by Nicolas et al., U.S. Pat. No. 6,593,944 B1.

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. §

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102(e). This rejection under 35 U.S.C. § 102(e) might be overcome either by a showing under 37 C.F.R. § 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 C.F.R. § 1.131.

8. Regarding claim 1, Nicolas et al. discloses a hand-held computer device, comprising a processor, forming a part of the handheld computer (Fig. 5, element 101); a display coupled to the processor forming a part of the handheld computer, the display having resolution of MxN pixels (col. 8, lines 8-9; Fig. 5, element 105); a browser program running on the processor that facilitates retrieving and viewing of a web page on the display (col. 11, lines 45-51), the web page having a size greater than MxN (col. 11, lines 22-27); the browser having associated program code for transcoding the web page to a format adapted to the display (col. 11, lines 27-33).

9. Regarding claim 2, Nicolas et al. further discloses that the associated program code comprises a browser plug-in. Col. 11, lines 48-51.

10. Regarding claim 3, Nicolas et al. further discloses that the associated program code comprises code that generates a menu of frames from the web page to permit a user to select a desired frame for display. Col. 12, lines 45-60; col. 13, lines 10-19; Fig. 7, element 100.

11. Regarding claim 16, Nicolas et al. discloses a method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising: determining if the web page contains multiple frames; and if the web page contains multiple frames, generating a menu of frames from the web page to permit a user to select a desired frame for display. Col. 12, lines 45-60; col. 13, lines 10-19; Fig. 7, element 100.

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12. Regarding claim 17, Nicolas et al. further discloses that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. Col. 11, lines 45-51.

13. Regarding claim 18, Nicolas et al. further discloses that the method is carried out in one or more browser plug-in programs. Col. 11, lines 48-51.

14. Regarding claim 19, Nicolas et al. further discloses an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. Col. 11, lines 46-67; Fig. 5, elements 102, 103, 104.

15. Claims 20-21 are rejected under 35 U.S.C. § 102(e) as being anticipated by Buckley et al., U.S. Pub. Appl'n No. 2003/0135649 A1.

16. Regarding claim 20, Buckley et al. discloses a method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising: determining if the web page contains an image; and if the web page contains an image, compressing the image to a size suitable for display on the MxN resolution display. ¶ 0006-0007.

17. Regarding claim 21, Buckley et al. further discloses that the image has size and pixel depth, and wherein compressing comprises reducing the image's size and reducing the image's pixel depth. ¶ 0006-0007.

18. Claims 20-21 are rejected under 35 U.S.C. § 102(e) as being anticipated by Robotham et al., U.S. Pub. Appl'n No. 2002/0015042 A1.

19. Regarding claim 20, Robotham et al. discloses a method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising:

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determining if the web page contains an image; and if the web page contains an image,

compressing the image to a size suitable for display on the MxN resolution display. ¶ 0015.

20. Regarding claim 21, Robotham et al. further discloses that the image has size and pixel depth, and wherein compressing comprises reducing the image's size and reducing the image's pixel depth. ¶ 0015.

21. Claims 25-26 are rejected under 35 U.S.C. § 102(e) as being anticipated by Farouk, U.S. Pub. Appl'n No. 2003/0009567 A1.

22. Regarding claim 25, Farouk discloses a method of transcoding a web page within a handheld computer device with display having resolution of MxN, comprising: determining if the web page contains multiple columns; and if the web page contains multiple columns, converting the multiple columns into a singlecolumn for display on the MxN resolution display. ¶ 0104, 0111.

23. Regarding claim 26, Farouk further discloses that the converting comprises removing redundant table definition tags. ¶ 0104, 0111.

Claim Rejections - 35 USC § 103

24. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

25. Claims 4-5 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al. as applied to claim 1 above, and further in view of Robotham et al., U.S. Pub. Appl'n No. 2002/0015042 A1.

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26. Regarding claim 4, Nicolas et al. fails to disclose that the associated program code comprises code that compresses an image to a size suitable for display on the MxN resolution display. However, Robotham et al. does disclose this feature. ¶ 0030. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Nicolas et al. and Robotham et al. because both disclosures attempt to solve the problem of displaying an image on a PDA. *See* Nicolas et al., col. 1, lines 9-12; Robotham et al., ¶ 0002.

27. Regarding claim 5, Nicolas et al. fails to disclose that the image has size and pixel depth, and wherein the associated program code comprises code compresses the image by reducing the image's size and reducing the image's pixel depth. However, Robotham et al. does disclose the image has size and pixel depth (¶ 0068), and wherein the associated program code comprises code compresses the image by reducing the image's size and reducing the image's pixel depth (¶ 0002, 0004).

28. Claims 6-7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al. as applied to claim 1 above, and further in view of Farouk.

29. Regarding claim 6, Nicolas et al. fails to disclose that the associated program code comprises code that converts multiple columns into a single column for display on the MxN resolution display. However, Farouk does disclose this feature. ¶ 104, 111. It would have been obvious to one of ordinary skill in the art to combine the teachings of Nicolas et al. and Farouk because Nicolas et al. and Farouk both discuss improving the display of images on a PDA. *See* Nicolas, col. 1, lines 9-12; Farouk, ¶ 0004.

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30. Claim 8 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al. as applied to claim 1 above, further in view of Buckley et al., and Farouk.

Nicolas et al. discloses that the associated program code comprises code that generates a menu of frames from the web page to permit a user to select a desired frame for display. Col. 12, lines 45-60; col. 13, lines 10-19; Fig. 7, element 100. However, Nicolas et al. fails to disclose that the associated program code comprises code that compresses images to a size suitable for display on the MxN resolution display; and converts multiple columns into a single column for display on the MxN resolution display. Buckley et al. discloses that the associated program code comprises code that compresses images to a size suitable for display on the MxN resolution display. ¶ 0006. Farouk discloses that the associated program code comprises code that converts multiple columns into a single column for display on the MxN resolution display. ¶ 0104, 0111. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Nicolas et al. and Farouk, for the same reasons as given in the rejection of claims 4-5, supra. It would have been obvious to combine the teachings of Nicolas et al. and Buckley et al. because both disclosures present methods for displaying images (such as a web page) on the small display of a PDA. See Nicolas et al., col. 1, lines 9-12; Buckley et al., ¶ 0003.

31. Claim 8 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al. as applied to claim 1 above, further in view of Robotham et al., and Farouk.

Nicolas et al. discloses that the associated program code comprises code that generates a menu of frames from the web page to permit a user to select a desired frame for display. Col. 12, lines 45-60; col. 13, lines 10-19; Fig. 7, element 100. However, Nicolas et al. fails to disclose

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that the associated program code comprises code that compresses images to a size suitable for display on the MxN resolution display; and converts multiple columns into a single column for display on the MxN resolution display. Robotham et al. discloses that the associated program code comprises code that compresses images to a size suitable for display on the MxN resolution display. ¶ 0030. Farouk discloses that the associated program code comprises code that converts multiple columns into a single column for display on the MxN resolution display. ¶ 0104, 0111. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Nicolas et al. and Farouk, for the same reasons as given in the rejection of claims 4-5, supra. It would have been obvious to combine the teachings of Nicolas et al. and Robotham et al. because both disclosures attempt to solve the problem of displaying an image on a PDA. See Nicolas et al., col. 1, lines 9-12; Robotham et al., ¶ 0002.

32. Claims 9-15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al., further in view of Buckley et al. and Farouk.

33. Regarding claim 9, Nicolas et al. discloses a hand-held computer device, comprising: a processor, forming a part of the handheld computer (Fig. 5, element 101); a display coupled to the processor forming a part of the handheld computer, the display having resolution of MxN pixels (col. 8, lines 8-9; Fig. 5, element 105); a browser program running on the processor that facilitates retrieving and viewing of a web page on the display (col. 11, lines 45-51), the web page having a size greater than MxN (col. 11, lines 22-27); the browser having associated program code in the form of a browser plug-in for transcoding the web page to a format adapted to the display (col. 11, lines 27-33) by: generating a menu of frames from the web page to permit

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a user to select a desired frame for display by selecting frame titles as menu selections (col. 12, lines 45-60; col. 13, lines 10-19; Fig. 7, element 100).

Nicolas et al. does not disclose compressing an image to a size suitable for display on the MxN resolution display, wherein the image has size and pixel depth, by reducing the image's size and reducing the image's pixel depth; and converting multiple columns into a single column for display on the MxN resolution display by removing redundant table definition tags. Buckley et al. discloses compressing an image to a size suitable for display on the MxN resolution display, wherein the image has size and pixel depth, by reducing the image's size and reducing the image's pixel depth. ¶ 0006-0007. Farouk discloses converting multiple columns into a single column for display on the MxN resolution display by removing redundant table definition tags. ¶ 0104, 0111. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Nicolas et al., Buckley et al., and Farouk for the reasons given above.

34. Regarding claim 10, Nicolas et al. discloses a method of transcoding a web page within a hand-held computer device with display having resolution of MxN, comprising: determining if the web page contains multiple frames, and if so generating a menu of frames from the web page to permit a user to select a desired frame for display (col. 16, line 62 – col. 17, line 4). However, Nicolas et al. fails to disclose determining if the web page contains any images, and if so compressing the images to a size suitable for display on the MxN resolution display; and determining if the web page contains multiple columns, and if so converting the multiple columns into a single column for display on the MxN resolution display. Buckley et al. does disclose determining if the web page contains any images, and if so compressing the images to a

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size suitable for display on the MxN resolution display. ¶ 0006-0007. Farouk does disclose determining if the web page contains multiple columns, and if so converting the multiple columns into a single column for display on the MxN resolution display. ¶ 0104-0111.

35. Regarding claim 11, Nicolas et al. fails to disclose that the image has size and pixel depth, and wherein the compressing comprises reducing the image's size and reducing the image's pixel depth. Buckley et al. does disclose this feature. ¶ 0006-0007.

36. Regarding claim 12, Nicolas et al. fails to disclose that the converting comprises removing redundant table definition tags. However, Farouk does disclose this feature. ¶ 0104, 0111.

37. Regarding claim 13, Nicolas et al. further discloses that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. Col. 8, line 50.

38. Regarding claim 14, Nicolas et al. further discloses that the method is carried out in one or more browser plug-in programs. Col. 11, lines 48-51.

39. Regarding claim 15, Nicolas et al. further discloses an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. Col. 1, lines 46-67; Fig. 5, elements 102, 103, 104.

40. Claims 9-15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Nicolas et al., further in view of Robotham et al. and Farouk.

41. Regarding claim 9, Nicolas et al. discloses a hand-held computer device, comprising: a processor, forming a part of the handheld computer (Fig. 5, element 101); a display coupled to the processor forming a part of the handheld computer, the display having resolution of MxN

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pixels (col. 8, lines 8-9; Fig. 5, element 105); a browser program running on the processor that facilitates retrieving and viewing of a web page on the display (col. 11, lines 45-51), the web

page having a size greater than MxN (col. 11, lines 22-27); the browser having associated

PAGE 60/60 * RCVD AT 8/14/2008 2:22:25 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/16 * DNIS:2738930 * CSID:408 938 9060 * DURATION (mm-ss):14-26

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Nicolas et al. fails to disclose determining if the web page contains any images, and if so compressing the images to a size suitable for display on the MxN resolution display; and determining if the web page contains multiple columns, and if so converting the multiple columns into a single column for display on the MxN resolution display. Robotham et al. does disclose determining if the web page contains any images, and if so compressing the images to a size suitable for display on the MxN resolution display. ¶ 0015. Farouk does disclose determining if the web page contains multiple columns, and if so converting the multiple columns into a single column for display on the MxN resolution display. ¶ 0104-0111.

43. Regarding claim 11, Nicolas et al. fails to disclose that the image has size and pixel depth, and wherein the compressing comprises reducing the image's size and reducing the image's pixel depth. Robotham et al. does disclose this feature. ¶ 0015.

44. Regarding claim 12, Nicolas et al. fails to disclose that the converting comprises removing redundant table definition tags. However, Farouk does disclose this feature. ¶ 0104, 0111.

45. Regarding claim 13, Nicolas et al. further discloses that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. Col. 8, line 50.

46. Regarding claim 14, Nicolas et al. further discloses that the method is carried out in one or more browser plug-in programs. Col. 11, lines 48-51.

47. Regarding claim 15, Nicolas et al. further discloses an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. Col. 1, lines 46-67; Fig. 5, elements 102, 103, 104.

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48. Claims 22-24 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Buckley et al. as applied to claims 20-21 above, and further in view of Nicolas et al.

49. Regarding claim 22, Buckley et al. fails to disclose that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. However, Nicolas et al. does disclose this feature. Col. 8, line 50. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Buckley et al. and Nicolas et al. for the reasons given above.

50. Regarding claim 23, Buckley et al. fails to disclose that the method is carried out in one or more browser plug-in programs. However, Nicolas et al. does disclose this feature. Col. 11, lines 48-51.

51. Regarding claim 24, Buckley et al. fails to disclose an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. However, Nicolas et al. does disclose this feature. Col. 11, line 46-67; Fig. 5, elements 102, 103, 104.

52. Claims 22-24 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Robotham et al. as applied to claims 20-21 above, and further in view of Nicolas et al.

53. Regarding claim 22, Robotham et al. fails to disclose that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. However, Nicolas et al. does disclose this feature. Col. 8, line 50. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Robotham et al. and Nicolas et al. for the reasons given above.

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54. Regarding claim 23, Robotham et al. fails to disclose that the method is carried out in one or more browser plug-in programs. However, Nicolas et al. does disclose this feature. Col. 11, lines 48-51.

55. Regarding claim 24, Robotham et al. fails to disclose an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. However, Nicolas et al. does disclose this feature. Col. 11, line 46-67; Fig. 5, elements 102, 103, 104.

56. Claims 27-29 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Farouk as applied to claim 25 above, and further in view of Nicolas et al.

57. Regarding claim 27, Farouk fails to disclose that the method is carried out in a browser program operating on a processor residing in the hand-held computer device. However, Nicolas et al. does disclose this feature. Col. 8, line 50. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Farouk and Nicolas et al. for the reasons given above.

58. Regarding claim 28, Farouk fails to disclose that the method is carried out in one or more browser plug-in programs. However, Nicolas et al. does disclose this feature. Col. 11, lines 48-51.

59. Regarding claim 29, Farouk fails to disclose an electronic storage medium storing instructions that, when executed on a programmed processor forming a part of a hand-held computer, carries out the method. However, Nicolas et al. does disclose this feature. Col. 11, lines 46-67; Fig. 5, elements 102, 103, 104.

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Conclusion

60. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- Bunney et al., U.S. Pat. No. US006564217B2 (disclosing a data communication system that transmits the selected contents and menu into the network for delivery to the client computer)
- Jacobsen et al., U.S. Pat. No. US006559825B2 (disclosing a display system for wireless a pager)
- Jamtagaard et al., U.S. Pat. No. US006430624B1 (disclosing an intelligent harvesting and navigation system and method)
- Kraus et al., U.S. Pat. No. US006266684B1 (disclosing creating and saving multi-frame web pages)
- Fraenkel et al., U.S. Pat. No. US006151622A (disclosing a method and system for portably enabling view synchronization over the world-wide web using frame hierarchies)
- Allport, U.S. Pat. No. US006104334A (disclosing a portable internet-enabled controller and information browser for consumer devices)
- Kanevsky, U.S. Pat. No. US006300947B1 (disclosing a display screen and window size related web page adaptation system)
- Ricard, U.S. Pub. Appl'n No. US 20020191031A1 (disclosing an image navigating browser for large image and small window size applications)

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- Bunney et al., U.S. Pub. Appl'n No. US 20020059244A1 (disclosing a data communication system)
- Ishigaki, U.S. Pub. Appl'n No. 2001/0046886 A1 (disclosing an e-mail handling method for a portable telephone and a portable telephone using said handling method)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Conrad J. DeWitte whose telephone number is (703) 305-8626. The examiner can normally be reached on Monday through Friday, 8 a.m. to 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Mancuso can be reached on (703) 305-4938. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

CJD

JOSEPH MANCUSO
PRIMARY EXAMINER

Interview Summary	Application No.	Applicant(s)	
	10/047,213	ARNOLD ET AL.	
	Examiner	Art Unit	
	Conrad J. DeWitte	2673	

All participants (applicant, applicant's representative, PTO personnel):

(1) Conrad J. DeWitte. (3) _____

(2) Anthony C. Murabito (Reg. No. 35,295). (4) _____

Date of Interview: 18 November 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____

Claim(s) discussed: 1-29.

Identification of prior art discussed: No.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: During a telephone conversation with Anthony C. Murabito on November 18, 2003, a provisional election was made without traverse to prosecute the invention of Group I. claims 1-8. In a follow up telephone call made by the Examiner to Mr. Murabito on 20 November 2003, the Examiner rescinded the election requirement.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiner's Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner.
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Notice of References Cited

Application/Control No.

10/047,213

Applicant(s)/Patent Under
Reexamination
ARNOLD ET AL.

Examiner

Conrad J. DeWitte

Art Unit

2673

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,564,217 B2	05-2003	Bunney et al.	707/10
	B	US-6,559,825 B2	05-2003	Jacobsen et al.	345/102
	C	US-6,430,624 B1	08-2002	Jamigaard et al.	709/246
	D	US-6,266,684 B1	07-2001	Kraus et al.	715/513
	E	US-6,151,622 A	11-2000	Fraenkel et al.	709/205
	F	US-6,104,334 A	08-2000	Allport, David E.	341/175
	G	US-6,300,947 B1	10-2001	Kanevsky, Dimitri	345/866
	H	US-2002/0191031 A1	12-2002	Ricard, Gary Ross	345/838
	I	US-2002/0059244 A1	05-2002	Bunney et al.	707/10
	J	US-2002/0046886 A1	04-2002	Jones et al.	177/144
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

* A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

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